BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

Name of work: Estimate for Improvements and Development of Footpath in Ward No. 11, (Kuvempunagara), Vidyaranyapura Sub Division.

Sl No	Description of Item	Unit	No	L	B	D	Qty	Est Cost Rs. Rate	2000000.00 Amount
1	KSRRB 300-1. Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications. MORTH / Chapter 3 **Page No. 143 / Item No. 19.1, PWD SR 2018-19**	Cum							
			2	200.00	0.45	0.40	72.00		
	Basic Rate	130.00					**72.00**	243.88	**17559.00**
	Area Weightage @6%	7.80							
	Total	**137.80**							
	Add loading and unloading Charges **It No 17.1 KSRRB M 100-1**	68.00							
	Average weight of earth 1.28 tonne / kg for 11.90 Km = 1.28 T X 11.90Km X 2.5 / km= 38.08	38.08							
	Total	**243.88**							
2	Removing and refixing stone slabs of drains and pointing in CM (1:3) **Page No. 27 / Item No. 5.33 PWD SR 2018-19**	Sqm							
	Kuvempunagara Main Road		2	200.00		1.35	540.00		
	Consider 50% of the total qty						270.00		
	Basic Rate	105.00					**270.00**	111.30	**30051.00**
	Area Weightage @ 6%	6.30							
	Total	**111.30**							
3	Providing granite slabs of selected quality roughly dressed havinf a size of 7.5 cms thick and fixed in cement mortar (1:6) including fixing curing ete., complete **Page No. 27 / Item No. 5.31.1 PWD SR 2018-19**	Sqm							
	Damaged Slabs 10%		Vide Item No. 2				49.68		
	Basic Rate	700.00					**49.68**	742.00	**36863.00**
	Area Weightage @ 6%	42.00							
	Total	**742.00**							
4	KSRB 5-14 : Providing and constructing load bearing wall with solid concrete blocks of size 400x150x200 mm having block density not lessthan 1800 kg/m3 and having a minimum average compressive strength 4.00 N/mm2 confirming to IS 2185 (Part) : 2005 and constructed with CM 1:4 , as per IS 2572:2005 including cost of all materials, labour charegs, scaffolding, curing complete as per specifications. KBS No.5.4 **Page No. 27 / Item No. 5.26.2, PWD SR 2018-19**	Sqm							
	Kuvempunagara Main Road		4	200.00		0.40	320.00		
	Basic Rate	924.00					**320.00**	979.44	**313421.00**
	Area Weightage @ 6%	55.44							
	Total	**979.44**							

Sl No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
5	KSRB 4-1.6 ; Providing and laying in position **plain cement concrete of mix 1:2:4** with cement @ 140kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.69 cum and fine aggregtes @ 0.459cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, **in foundation, plinth and cills,** ncluding cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2. **Page No.13, Item No. 4.6 PWD SR 2018-19**	Cum							
	Bed Concrete		2	100.00	0.45	0.10	9.00		
	Coping Concrete		4	200.00	0.20	0.10	16.00		
	Basic Rate	5422.00					**25.00**	5747.32	**143683.00**
	Area Weightage @ 6%	325.32							
	Total	**5747.32**							
6	Providing **precast slab of 100 mm thick** including cost of all materials, labour, curing, transportation, loading unloading, etc., complete as per the direction of engineer in charge- Data rate.	Sqm							
	RCC Drain Slab		667	0.90	0.60		360.00		
							360.00	2337.00	**841320.00**
7	Providing and fixing pre cast solid cement concrete kerb stones made out of CC 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting including formwork, curing, including cost of materials, labour charges of machinery, loading and unloading, lead and lift, transportation ete.,complete **Page No. 27 / Item No. 5.30 PWD SR 2018-19**	No							
			2	200.00			889		
				0.45					
	Basic Rate	408.00					**889**	432.48	**384427.00**
	Area Weightage @ 6%	24.48							
	Total	**432.48**							
8	KSRB 15-19.1 : Providing and applying ready mix priming coat **over concrete** / masonry / asbestos cement sheet / plastered surfaces including preparing the surface after thoroughly cleaning of oil, grease, dirt and other foreign matter, and sand papering including cost of materials, labour, complete as per specifications. **Page No. 124 / Item No. Item No. 15.80, PWD SR 2018-19**	Sqm							
			2	200.00		0.35	140.00		
	Basic Rate	37.00					**140.00**	39.22	**5491.00**
	Area Weightage @ 6%	2.22							
	Total	**39.22**							

Sl No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
9	KSRB 15-19.2 : Providing and applying spray painting in two coats (excluding priming coat) over concrete / masonry / asbestos cement sheet / plastered surfaces with flat wall paint of approved brand to give even shade after cleaning the surface of all dirt, dust and other foreign matter, and sand papering including cost of materials, labour, complete as per specifications.**Page No. 124 / Item No. Item No. 15.81, PWD SR 2018-19**	Sqm							
			Qty Vide Item No. 13				140.00	90.10	12614.00
	Basic Rate	85.00							
	Area Weightage @ 6%	5.10							
	Total	**90.10**							
	Sub Total								1785429.00
	GST @ 12%								214251.00
	Add for unforseen and rounding off	L/S							320.00
								Total	2000000.00
	Rupees Twenty Lakh(s) Only								

Certificate:

1 The work spot has been inspected and the work is found necessary.
2 This estimate is prepared as per P.W.D S.R of 2018-19.
4 The provisions were made in this estimate are necessary and adequate.
5 This works come under B.B.M.P. limits.

Assistant Engineer
Ward No. 11

Assistant Executive Engineer
Bruhat Bangalore Mahanagara Palike
Vidyaranyapura Sub Division

Executive Engineer
Bruhat Bangalore Mahanagara Palike
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Administrative Approval

Accorded For Rs 20.00 lakhs only
Head of A/C P1771
CER NO : 45 **Dt:** 10.07.2019

AE (YNK) ACE (YNK)

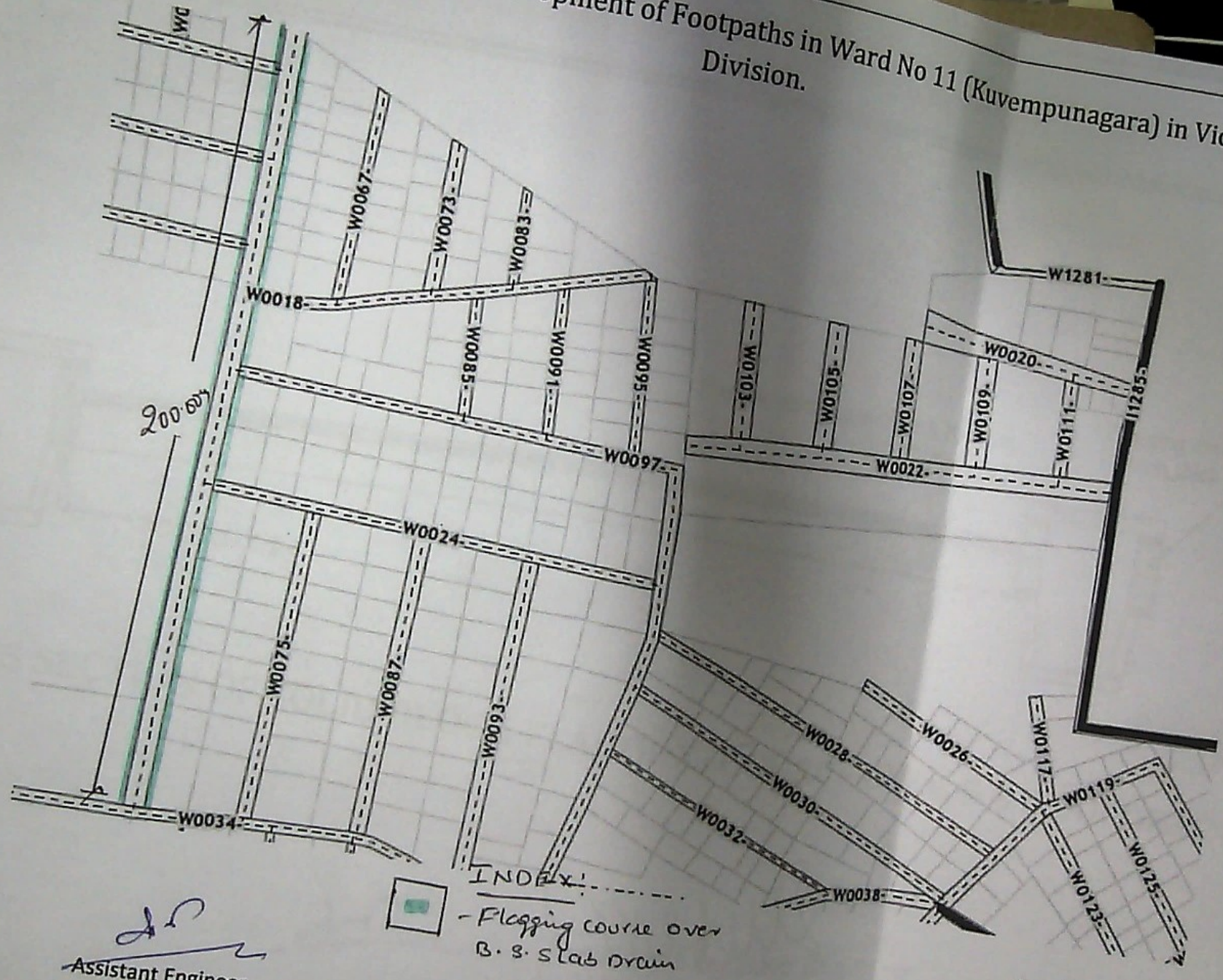
TECHNICAL SANCTION

Accorded For Rs. ₹20.00 Twenty Lakhs
Head of A/c. P1771, PWD Works.
Div. Ref. No. 58/19-20 **Date** 10-7-2019

AE 10/07

EE(BTP)

Work: Improvements and Development of Footpaths in Ward No 11 (Kuvempunagara) in Vidyaranyapur
Division.



Assistant Engineer
Ward No. 11

Assistant Ex